

Appl. No. : 10/690,396
Filed : October 20, 2003

AMENDMENTS TO THE CLAIMS

1. (currently amended) A An isolated host cell producing a ~~DNA encoding~~ an antibody or antibody fragment antigen-combining protein produced by the method of:
selecting from a library providing DNA containing genes encoding an antibody or antibody fragment antigen-combining proteins;
inserting said DNA into a framework antibody vector; and
introducing said DNA and antibody framework vector into a host cell.
2. (currently amended) The host cell of Claim 1, wherein the host cell is a prokaryotic host cell producing an antibody fragment.
3. (original) The host cell of Claim 1, wherein the host cell is eukaryotic.
4. (original) The host cell of Claim 3, wherein the host cell is an immortalized cultured mammalian cell.
5. (original) The host cell of Claim 4, wherein the immortalized cultured mammalian cell is a myeloma or plasmacytoma cell.
6. (original) The host cell of Claim 1 wherein said DNA is introduced into the host cell by a method selected from the group consisting of: electroporation, calcium phosphate coprecipitation, protoplast fusion, viral infection, and cell fusion.
7. (currently amended) The host cell of Claim 1, wherein the DNA containing genes encoding an antibody or antibody fragment antigen-combining proteins encodes an antibody or antibody fragment antigen-combining protein selected from the group consisting of: an immunoglobulin heavy chain variable region and an immunoglobulin light chain variable region.
8. (currently amended) The host cell of Claim 1, wherein the host cell produces antigen combining proteins comprise antibodies.
9. (currently amended) Isolated Host host cells producing antibodies, produced by a method comprising:
selecting from a library providing DNA comprising genes encoding antibodies;
inserting the DNA into framework antibody vectors; and
introducing said framework antibody vectors into host cells.
10. (canceled)

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11. (currently amended) The host cells of Claim 10 9, wherein said ~~vector~~ is vectors are an expression ~~vector~~ vectors.

12. (canceled)

13. (original) The host cells of Claim 9, wherein the host cells are eukaryotic.

14. (original) The host cells of Claim 13, wherein the host cells are an immortalized cultured mammalian cell line.

15. (original) The host cells of Claim 14, wherein the immortalized cultured mammalian cell line is a myeloma or plasmacytoma cell line.

16. (original) The host cells of Claim 9, wherein said DNA is introduced into the host cells by a method selected from the group consisting of: electroporation, calcium phosphate coprecipitation, protoplast fusion, viral infection, and cell fusion.

17. (currently amended) The host cells of Claim 9, wherein the DNA containing genes encoding antibodies encodes immunoglobulin heavy chain variable regions or immunoglobulin light chain variable regions.